



CONSTRUCTION EQUIPMENT

35408 VOLVO A25G 752732 - FRONT REAR AXLE



Sample No: VCP415160
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 35408



SAMPLE INFORMATION

Sample Number	VCP415160	---	---	---
Sample Date	15 Sep 2023	---	---	---
Machine Hours	2044	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE
 PENSACOLA, FL
 US 32534

Contact: HUGH DOBBS
 HDOBBS@COWIN.COM
 T: (850)479-3004
 F: (850)474-1602



OIL CONDITION

Visc @ 40°C	cSt	▲ 91.1	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 202	---	---	---
Copper	ppm	■ 38	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 7	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 702	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 309	---	---	---
Phosphorus	ppm	■ 1368	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 243	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO8247
Unique No: 10656780
Signed: Don Baldrige
Report Date: 21 Sep 2023



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GRAPHS

